

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Hose, comprising a core and a cover having an embedded reinforcement support, specifically in the form of a single-layer or multi-layer reinforcement structure, whereby the core and the cover consist of a thermoplastic elastomer, in each instance, ~~characterized in that~~ wherein an adhesion-imparting intermediate layer is worked in, which can be bonded to the core and/or cover material and therefore enters into a bond with the reinforcement support.

Claim 2 (Currently Amended): Hose according to claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer is extruded directly onto the core, and the reinforcement support is laid directly onto the intermediate layer.

Claim 3 (Currently Amended): Hose according to claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer is extruded directly onto the reinforcement support, and the cover is worked on subsequently.

Claim 4 (Currently Amended): Hose according to claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer is applied to the core and to the cover, so that the reinforcement support is completely bonded into the intermediate layer.

Claim 5 (Currently Amended): Hose according to claim 1 ~~one of claims 1 to 4~~, ~~characterized in that~~ wherein in the case of multi-layer hoses, the adhesion-imparting intermediate layer is applied between the individual reinforcement supports.

Claim 6 (Currently Amended): Hose according to claim 1 ~~one of claims 1 to 5~~, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer has a minimal melting point of 75°C.

Claim 7 (Currently Amended): Hose according to claim 1 ~~one of claims 1 to 6~~, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer has a maximal melting point of 170°C.

Claim 8 (Currently Amended): Hose according to ~~one of claims 1 to 7~~ claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer is an olefin plastic.

Claim 9 (Currently Amended): Hose according to claim 8, ~~characterized in that~~ wherein the olefin plastic is polyethylene or polypropylene.

Claim 10 (Currently Amended): Hose according to claim 8 ~~or~~ 9, ~~characterized in that~~ wherein the reinforcement support is surrounded with twisted yarns of the olefin plastic.

Claim 11 (Currently Amended): Hose according to claim 8 ~~or~~ 9, ~~characterized in that~~ wherein the olefin plastic is applied directly to the reinforcement support.

Claim 12 (Currently Amended): Hose according to ~~one of~~ ~~claims 1 to 7~~ claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer consists of a thermoplastic elastomer and a hydrocarbon resin, particularly an aromatic hydrocarbon resin, as well as other additives, if necessary.

Claim 13 (Currently Amended): Hose according to claim 12, ~~characterized in that~~ wherein the thermoplastic elastomer comes from the group TPE-S, TPE-O, or TPE-V.

Claim 14 (Currently Amended): Hose according to claim 12 ~~or~~ 13, ~~characterized in that~~ wherein the hydrocarbon resin component amounts to 2 to 50 wt.-%, particularly 5 to 30 wt.-%.

Claim 15 (Currently Amended): Hose according to ~~one of~~
~~claims 1 to 7~~ claim 1, ~~characterized in that~~ wherein the
adhesion-imparting intermediate layer is an acrylate copolymer.

Claim 16 (Currently Amended): Hose according to claim 15,
~~characterized in that~~ wherein the adhesion-imparting intermediate
layer is an ethylene/acrylate copolymer.

Claim 17 (Currently Amended): Hose according to claim 16,
~~characterized in that~~ wherein the adhesion-imparting intermediate
layer is a copolymer on the basis of ethylene methyl acrylate
(EMA), ethylene ethyl acrylate (EEA), or ethylene butyl acrylate
(EBA).

Claim 18 (Currently Amended): Hose according to ~~one of~~
~~claims 15 to 17~~ claim 15, ~~characterized in that~~ wherein a
hydrocarbon resin, particularly an aromatic hydrocarbon resin, as
well as other additives, if necessary, is/are mixed into the
acrylate copolymer.

Claim 19 (Currently Amended): Hose according to claim 18,
~~characterized in that~~ wherein the hydrocarbon resin component
amounts to 2 to 50 wt.-%, particularly 5 to 30 wt.-%.

Claim 20 (Currently Amended): Hose according to ~~one of~~
~~claims 12 to 19~~ claim 12, ~~characterized in that~~ wherein another

component in the form of a functionalized polymer is added to the adhesion-imparting intermediate layer.

Claim 21 (Currently Amended): Hose according to claim 20, ~~characterized in that~~ wherein the functionalized polymer is a malein anhydride graft polyethylene or malein anhydride graft polypropylene, or an acrylate copolymer functionalized with polar CO groups or epoxy groups.

Claim 22 (Currently Amended): Hose according to claim 20 ~~or~~ 21, ~~characterized in that~~ wherein the proportion of the functionalized polymer is 0.5 to 20 wt.-%, particularly 2 to 10 wt.-%.

Claim 23 (Currently Amended): Hose according to ~~one of~~ ~~claims 1 to 7~~ claim 1, ~~characterized in that~~ wherein the adhesion-imparting intermediate layer is a hydrocarbon resin, particularly an aromatic hydrocarbon resin.

Claim 24 (Currently Amended): Hose according to claim 23, ~~characterized in that~~ wherein the hydrocarbon resin has a plastification point of 75°C to 145°C, particularly 100°C to 145°C.